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Application Serial Number: 10/664, 603A
Source: IFW/6
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IFW16

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DATE: 05/01/2006

PATENT APPLICATION: US/10/664,603A

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1 <110> APPLICANT: Rouleau, Guy A.
 2 Ragsdale, David
 3 Cossette, Patrick
 4 Rochefort, Daniel
 5 Lafreniere, Ronald G.
 6 <120> TITLE OF INVENTION: LOCI FOR IDIOPATHIC GENERALIZED EPILEPSY, MUTATIONS THEREOF

AND

7 METHODS USING SAME TO ASSESS, DIAGNOSE, PROGNOSIS OR TREAT
 8 EPILEPSY

9 <130> FILE REFERENCE: GOUD:023USD1

C--> 10 <140> CURRENT APPLICATION NUMBER: US/10/664,603A

11 <141> CURRENT FILING DATE: 2003-09-17
 12 <150> PRIOR APPLICATION NUMBER: 09/718,355
 13 <151> PRIOR FILING DATE: 2000-11-24
 14 <150> PRIOR APPLICATION NUMBER: 60/167,623
 15 <151> PRIOR FILING DATE: 1999-11-26
 16 <160> NUMBER OF SEQ ID NOS: 408
 17 <170> SOFTWARE: PatentIn version 3.2
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 20 <211> LENGTH: 8378
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198	gccagtgca	gcaggcaggc	tctcagacag	ctcatctgaa	gcctctaagt	tgagttccaa	1740
199	gagtgcctaag	gaaagaagaa	atcggaggaa	gaaaagaaaa	cagaaagagc	agctctggtg	1800
200	ggaagagaaa	gatgaggatg	aattccaaaa	atctgaatct	gaggacagca	tcaggaggaa	1860
201	aggttttcgc	ttctccattg	aagggaaccg	attgacatat	gaaaagaggt	actcctcccc	1920
202	acaccagtct	ttgttgagca	tccgtggctc	cctattttca	ccaaggcgaa	atagcagaac	1980
203	aagccttttc	agcttttagag	ggcgagcaaa	ggatgtggga	tctgagaacg	acttcgcaga	2040
204	tgatgagcca	gcacctttga	ggataacgag	agccgtagag	attccttggt	tgtgccccga	2100
205	cgacacggag	agagacgcaa	cagcaacctg	agtcagacca	gtaggtcatc	ccggatgctg	2160
206	gcagtgtttc	cagcgaatgg	gaagatgcac	agcactgtgg	attgcaatgg	tgtggtttcc	2220
207	ttggttggtg	gaccttcagt	tcctacatcg	cctgttgga	agcttctgcc	agaggtgata	2280
208	atagataagc	cagctactga	tgacaatgga	acaaccactg	aaactgaaat	gagaaagaga	2340
209	aggtcaagtt	ctttccacgt	ttccatggac	tttctagaag	atccttccca	aaggcaacga	2400
210	gcaatgagta	tagccagcat	tctaacaaat	acagtagaag	aacttgaaga	atccaggcag	2460
211	aaatgcccac	cctgttggtg	taaattttcc	aacatattct	taatctggga	ctgttctcca	2520
212	tattggttaa	aagtgaagaa	tgttgtcaac	ctggttgtga	tggaccatt	tgttgacctg	2580
213	gccatcacca	tctgtattgt	cttaataact	cttttcatgg	ccatggagca	ctatccaatg	2640
214	acggaccatt	tcaataatgt	gcttacagta	ggaaacttgg	ttttcactgg	gatctttaca	2700
215	gcagaaatgt	ttctgaaaat	tattgccatg	gatccttaac	attatttcca	agaaggctgg	2760
216	aatatctttg	acggttttat	tgtgacgctt	agcctgtag	aacttggact	cgccaatgtg	2820
217	gaaggattat	ctgttctccg	ttcatttctga	ttgctgagag	ttttcaagtt	ggcaaaatct	2880
218	tggccaacgt	taaatatgct	aataaagatc	atcggcaatt	ccgtgggggc	tctgggaaat	2940
219	ttaaccctcg	tcttgcccat	catcgtcttc	atttttgccg	tggtcggcat	gcagctcttt	3000
220	ggtaaaagct	acaaagattg	tgtctgcaag	atcgccagtg	attgtcaact	cccacgctgg	3060
221	cacatgaatg	acttcttcca	ctccttctcg	attgtgttcc	gcgtgctgtg	tggggagtgg	3120
222	atagagacca	tgtgggactg	tatggagggt	gctgggtcaag	ccatgtgctt	tactgtcttc	3180
223	atgatggtca	tgggtgattg	aaacctagtg	gtcctgaatc	tctttctggc	cttgcctctg	3240
224	agctcattta	gtgcagacaa	ccttgcagcc	actgatgatg	ataatgaaat	gaataatctc	3300
225	caaattgctg	tggataggat	gcacaaagga	gtagcttatg	tgaaaagaaa	aatatatgaa	3360
226	tttattcaac	agtccttcat	taggaaacaa	aagatttttag	atgaaattaa	accacttgat	3420
227	gatctaaaca	acaagaaaga	cagttgtatg	tccaatcata	cagcagaaat	tgggaaagat	3480
228	cttgactatc	ttaaagatgt	aaatggaact	acaagtggta	taggaactgg	cagcagtgtt	3540
229	gaaaaataca	ttattgatga	aagtgattac	atgtcattca	taaacaaccc	cagtcttact	3600
230	gtgactgtac	caattgctgt	aggagaatct	gactttgaaa	atttaaaccac	ggaagacttt	3660
231	agtagtgaat	cggatctgga	agaaagcaaa	gagaaactga	atgaaagcag	tagctcatca	3720
232	gaaggtagca	ctgtggacat	cggcgacact	gtagaagaac	agcccgtagt	ggaacctgaa	3780
233	gaaactcttg	aaccagaagc	tgttttact	gaaggctgtg	tacaaagatt	caagtgttgt	3840
234	caaatcaatg	tggagaagg	cagaggaaaa	caatggtgga	acctgagaag	gacgtgtttc	3900
235	cgaatagttg	aacataactg	gtttgagacc	ttcattgttt	tcattgattct	ccttagtagt	3960
236	ggtgctctgg	catttgaaaga	tatatatatt	gatcagcgaa	agacgattaa	gacgatgttg	4020
237	gaatatgctg	acaaggtttt	cacttacatt	ttcattctgg	aaatgcttct	aaaatgggtg	4080
238	gcatatggct	atcaaaatat	ttcaccaatg	cctgggtgtg	gctggacttc	ttaattgttg	4140
239	atgtttcatt	ggtcagttta	acagcaaatg	ccttgggtta	ctcagaactt	ggagccatca	4200
240	aatctctcag	gacactaaga	gctctgagac	ctctaagagc	cttatctcga	tttgaaggga	4260
241	tgagggtggt	tgtgaatgcc	cttttaggag	caattccatc	catcatgaat	gtgcttctgg	4320

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/10/664,603A

DATE: 05/01/2006
TIME: 10:02:52

Input Set : N:\Cr4\04272006\J664603B.raw
Output Set: N:\CRF4\05012006\J664603A.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:23; N Pos. 393,415,454,513
Seq#:29; N Pos. 43
Seq#:41; N Pos. 293
Seq#:42; N Pos. 133
Seq#:44; N Pos. 229
Seq#:48; N Pos. 164
Seq#:55; N Pos. 90,378,379,380,381,382,383,384,385,386
Seq#:67; Xaa Pos. 122
Seq#:68; Xaa Pos. 122
Seq#:84; N Pos. 477

Invalid Line Length:

The rules require that a line not exceed 72 characters in length. This includes spaces.

Seq#:1; Line(s) 6
Seq#:99; Line(s) 4137
Seq#:100; Line(s) 4146
Seq#:101; Line(s) 4155
Seq#:102; Line(s) 4164
Seq#:103; Line(s) 4173
Seq#:104; Line(s) 4182
Seq#:105; Line(s) 4191
Seq#:106; Line(s) 4200
Seq#:107; Line(s) 4209
Seq#:108; Line(s) 4218
Seq#:109; Line(s) 4227
Seq#:110; Line(s) 4236
Seq#:111; Line(s) 4245
Seq#:112; Line(s) 4254
Seq#:113; Line(s) 4263
Seq#:114; Line(s) 4272
Seq#:115; Line(s) 4281
Seq#:116; Line(s) 4290
Seq#:117; Line(s) 4299
Seq#:118; Line(s) 4308
Seq#:119; Line(s) 4317
Seq#:120; Line(s) 4326
Seq#:121; Line(s) 4335
Seq#:122; Line(s) 4344
Seq#:123; Line(s) 4353
Seq#:124; Line(s) 4362
Seq#:125; Line(s) 4371
Seq#:126; Line(s) 4380

RAW SEQUENCE LISTING ERROR SUMMARY DATE: 05/01/2006
PATENT APPLICATION: US/10/664,603A TIME: 10:02:52

Input Set : N:\Crfa4\04272006\J664603B.raw
Output Set : N:\CRF4\05012006\J664603A.raw

Seq#:127; Line(s) 4389
Seq#:128; Line(s) 4398
Seq#:129; Line(s) 4407
Seq#:130; Line(s) 4416
Seq#:131; Line(s) 4425
Seq#:132; Line(s) 4434
Seq#:133; Line(s) 4443
Seq#:134; Line(s) 4452
Seq#:135; Line(s) 4461
Seq#:136; Line(s) 4470
Seq#:137; Line(s) 4479
Seq#:138; Line(s) 4488
Seq#:139; Line(s) 4497
Seq#:140; Line(s) 4506
Seq#:141; Line(s) 4515
Seq#:142; Line(s) 4524
Seq#:143; Line(s) 4533
Seq#:144; Line(s) 4542
Seq#:145; Line(s) 4551
Seq#:146; Line(s) 4560
Seq#:147; Line(s) 4569
Seq#:148; Line(s) 4578
Seq#:149; Line(s) 4587
Seq#:150; Line(s) 4596
Seq#:151; Line(s) 4605
Seq#:152; Line(s) 4614
Seq#:153; Line(s) 4623
Seq#:154; Line(s) 4632
Seq#:155; Line(s) 4641
Seq#:156; Line(s) 4650
Seq#:157; Line(s) 4659
Seq#:158; Line(s) 4668
Seq#:159; Line(s) 4677
Seq#:160; Line(s) 4686
Seq#:161; Line(s) 4695
Seq#:162; Line(s) 4704
Seq#:163; Line(s) 4713
Seq#:164; Line(s) 4722
Seq#:165; Line(s) 4731
Seq#:166; Line(s) 4740
Seq#:167; Line(s) 4749
Seq#:168; Line(s) 4758
Seq#:169; Line(s) 4767
Seq#:170; Line(s) 4776
Seq#:171; Line(s) 4785
Seq#:172; Line(s) 4794
Seq#:173; Line(s) 4803
Seq#:174; Line(s) 4812
Seq#:175; Line(s) 4821

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/10/664,603A

DATE: 05/01/2006
TIME: 10:02:52

Input Set : N:\CrF4\04272006\J664603B.raw
Output Set: N:\CRF4\05012006\J664603A.raw

Seq#:176; Line(s) 4830
Seq#:177; Line(s) 4839
Seq#:178; Line(s) 4848
Seq#:179; Line(s) 4857
Seq#:180; Line(s) 4866
Seq#:181; Line(s) 4875
Seq#:182; Line(s) 4884
Seq#:183; Line(s) 4893
Seq#:184; Line(s) 4902
Seq#:185; Line(s) 4911
Seq#:186; Line(s) 4920
Seq#:187; Line(s) 4929
Seq#:188; Line(s) 4938
Seq#:193; Line(s) 4975
Seq#:194; Line(s) 4984
Seq#:195; Line(s) 4993
Seq#:196; Line(s) 5002
Seq#:197; Line(s) 5011
Seq#:198; Line(s) 5020
Seq#:199; Line(s) 5029
Seq#:200; Line(s) 5038
Seq#:201; Line(s) 5047
Seq#:202; Line(s) 5056
Seq#:203; Line(s) 5065
Seq#:204; Line(s) 5074
Seq#:205; Line(s) 5083
Seq#:206; Line(s) 5092
Seq#:207; Line(s) 5101
Seq#:208; Line(s) 5110
Seq#:209; Line(s) 5119
Seq#:210; Line(s) 5128
Seq#:211; Line(s) 5137
Seq#:212; Line(s) 5146
Seq#:213; Line(s) 5155
Seq#:214; Line(s) 5164
Seq#:215; Line(s) 5173
Seq#:216; Line(s) 5182
Seq#:217; Line(s) 5191
Seq#:218; Line(s) 5200
Seq#:219; Line(s) 5209
Seq#:220; Line(s) 5218
Seq#:221; Line(s) 5227
Seq#:222; Line(s) 5236
Seq#:223; Line(s) 5245
Seq#:224; Line(s) 5254
Seq#:225; Line(s) 5263
Seq#:226; Line(s) 5272
Seq#:227; Line(s) 5281
Seq#:228; Line(s) 5290

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/10/664,603ADATE: 05/01/2006
TIME: 10:02:52Input Set : N:\Cr4\04272006\J664603B.raw
Output Set: N:\CRF4\05012006\J664603A.raw

Seq#:229; Line(s) 5299
Seq#:230; Line(s) 5308
Seq#:231; Line(s) 5317
Seq#:232; Line(s) 5326
Seq#:233; Line(s) 5335
Seq#:234; Line(s) 5344
Seq#:235; Line(s) 5353
Seq#:236; Line(s) 5362
Seq#:237; Line(s) 5371
Seq#:238; Line(s) 5380
Seq#:239; Line(s) 5389
Seq#:240; Line(s) 5398
Seq#:241; Line(s) 5407
Seq#:242; Line(s) 5416
Seq#:243; Line(s) 5425
Seq#:244; Line(s) 5434
Seq#:245; Line(s) 5443
Seq#:246; Line(s) 5452
Seq#:247; Line(s) 5461
Seq#:248; Line(s) 5470
Seq#:249; Line(s) 5479
Seq#:250; Line(s) 5488
Seq#:251; Line(s) 5497
Seq#:252; Line(s) 5506
Seq#:253; Line(s) 5515
Seq#:254; Line(s) 5524
Seq#:255; Line(s) 5533
Seq#:256; Line(s) 5542
Seq#:257; Line(s) 5551
Seq#:258; Line(s) 5560
Seq#:259; Line(s) 5569
Seq#:260; Line(s) 5578
Seq#:261; Line(s) 5587
Seq#:262; Line(s) 5596
Seq#:263; Line(s) 5605
Seq#:264; Line(s) 5614
Seq#:265; Line(s) 5623
Seq#:266; Line(s) 5632
Seq#:267; Line(s) 5641
Seq#:268; Line(s) 5650
Seq#:269; Line(s) 5659
Seq#:270; Line(s) 5668
Seq#:271; Line(s) 5677
Seq#:272; Line(s) 5686
Seq#:273; Line(s) 5695
Seq#:274; Line(s) 5704
Seq#:275; Line(s) 5713
Seq#:276; Line(s) 5722
Seq#:277; Line(s) 5731

RAW SEQUENCE LISTING ERROR SUMMARY DATE: 05/01/2006
PATENT APPLICATION: US/10/664,603A TIME: 10:02:52

Input Set : N:\Cr4\04272006\J664603B.raw
Output Set: N:\CRF4\05012006\J664603A.raw

Seq#:278; Line(s) 5740
Seq#:279; Line(s) 5749
Seq#:280; Line(s) 5758
Seq#:281; Line(s) 5767
Seq#:282; Line(s) 5776
Seq#:283; Line(s) 5785
Seq#:284; Line(s) 5794
Seq#:285; Line(s) 5803
Seq#:286; Line(s) 5812
Seq#:287; Line(s) 5821
Seq#:288; Line(s) 5830
Seq#:289; Line(s) 5839
Seq#:290; Line(s) 5848
Seq#:291; Line(s) 5857
Seq#:292; Line(s) 5866
Seq#:293; Line(s) 5875
Seq#:294; Line(s) 5884
Seq#:295; Line(s) 5893
Seq#:296; Line(s) 5902
Seq#:297; Line(s) 5911
Seq#:298; Line(s) 5920
Seq#:299; Line(s) 5929
Seq#:300; Line(s) 5938
Seq#:301; Line(s) 5947
Seq#:302; Line(s) 5956
Seq#:303; Line(s) 5965
Seq#:304; Line(s) 5974
Seq#:305; Line(s) 5983
Seq#:306; Line(s) 5992
Seq#:310; Line(s) 6022
Seq#:311; Line(s) 6031
Seq#:312; Line(s) 6040
Seq#:313; Line(s) 6049
Seq#:314; Line(s) 6058
Seq#:315; Line(s) 6067
Seq#:316; Line(s) 6076
Seq#:317; Line(s) 6085
Seq#:318; Line(s) 6094
Seq#:319; Line(s) 6103
Seq#:320; Line(s) 6112
Seq#:321; Line(s) 6121
Seq#:322; Line(s) 6130
Seq#:323; Line(s) 6139
Seq#:324; Line(s) 6148
Seq#:325; Line(s) 6157
Seq#:326; Line(s) 6166
Seq#:327; Line(s) 6175
Seq#:328; Line(s) 6184
Seq#:329; Line(s) 6193

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/10/664,603A

DATE: 05/01/2006
TIME: 10:02:52

Input Set : N:\Crf4\04272006\J664603B.raw
Output Set: N:\CRF4\05012006\J664603A.raw

Seq#:330; Line(s) 6202
Seq#:331; Line(s) 6211
Seq#:332; Line(s) 6220
Seq#:333; Line(s) 6229
Seq#:334; Line(s) 6238
Seq#:335; Line(s) 6247
Seq#:336; Line(s) 6256
Seq#:337; Line(s) 6265
Seq#:338; Line(s) 6274
Seq#:339; Line(s) 6283
Seq#:340; Line(s) 6292
Seq#:341; Line(s) 6301
Seq#:342; Line(s) 6310
Seq#:343; Line(s) 6319
Seq#:344; Line(s) 6328
Seq#:345; Line(s) 6337
Seq#:346; Line(s) 6346
Seq#:347; Line(s) 6355
Seq#:348; Line(s) 6364
Seq#:349; Line(s) 6373
Seq#:350; Line(s) 6382
Seq#:351; Line(s) 6391
Seq#:352; Line(s) 6400
Seq#:353; Line(s) 6409
Seq#:354; Line(s) 6418
Seq#:355; Line(s) 6427
Seq#:356; Line(s) 6436
Seq#:357; Line(s) 6445
Seq#:358; Line(s) 6454
Seq#:359; Line(s) 6463
Seq#:360; Line(s) 6472
Seq#:361; Line(s) 6481
Seq#:362; Line(s) 6490
Seq#:363; Line(s) 6499
Seq#:364; Line(s) 6508
Seq#:365; Line(s) 6517
Seq#:366; Line(s) 6526
Seq#:367; Line(s) 6535
Seq#:368; Line(s) 6544
Seq#:369; Line(s) 6553
Seq#:370; Line(s) 6562
Seq#:371; Line(s) 6571
Seq#:372; Line(s) 6580
Seq#:373; Line(s) 6589
Seq#:374; Line(s) 6598
Seq#:375; Line(s) 6607
Seq#:376; Line(s) 6616
Seq#:377; Line(s) 6625
Seq#:378; Line(s) 6634

RAW SEQUENCE LISTING ERROR SUMMARY DATE: 05/01/2006
PATENT APPLICATION: US/10/664,603A TIME: 10:02:52

Input Set : N:\Cr4\04272006\J664603B.raw
Output Set: N:\CRF4\05012006\J664603A.raw

Seq#:379; Line(s) 6643
Seq#:380; Line(s) 6652
Seq#:381; Line(s) 6661
Seq#:382; Line(s) 6670
Seq#:383; Line(s) 6679
Seq#:384; Line(s) 6688
Seq#:385; Line(s) 6697
Seq#:386; Line(s) 6706
Seq#:387; Line(s) 6715
Seq#:388; Line(s) 6724
Seq#:389; Line(s) 6733
Seq#:390; Line(s) 6742
Seq#:391; Line(s) 6751
Seq#:392; Line(s) 6760
Seq#:393; Line(s) 6769
Seq#:394; Line(s) 6778
Seq#:395; Line(s) 6787
Seq#:396; Line(s) 6796
Seq#:397; Line(s) 6805
Seq#:398; Line(s) 6814
Seq#:399; Line(s) 6823

VERIFICATION SUMMARY

DATE: 05/01/2006

PATENT APPLICATION: US/10/664,603A

TIME: 10:02:52

Input Set : N:\Crf4\04272006\J664603B.raw

Output Set: N:\CRF4\05012006\J664603A.raw

L:10 M:270 C: Current Application Number differs, Wrong Format

L:1169 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23 after pos.:360
L:1170 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23 after pos.:420
L:1171 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23 after pos.:480
L:1260 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:29 after pos.:0
L:2268 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:41 after pos.:240
L:2283 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:42 after pos.:120
L:2314 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:44 after pos.:180
L:2385 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:48 after pos.:120
L:2520 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:55 after pos.:60
L:2525 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:55 after pos.:360
L:3058 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:67 after pos.:112
L:3320 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:68 after pos.:112
L:3831 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:84 after pos.:420